

The Law Offices of Mikio Ishimaru

Intellectual Property Law
Patents - Licensing - Strategy - & Related Matters
1110 Sunnyvale-Saratoga Road, Suite A1
Sunnyvale, CA 94087
Telephone: (408) 738-0592
Fax: (408) 738-0881

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To: Commissioner of Patents From: Mikio Ishimaru

Fax: (703) 872-9306 Pages: 10

Phone: Date: February 10, 2004

Re: U.S. Patent Application Serial CC: Attorney Docket No.:
No. 10/043,605 ST1998-001B

Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address

IMPORTANT

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on February 10, 2004



Tamara Tucker

The following documents are being submitted:

Request and Transmittal

Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address

Statement under 37 CFR 3.73(b)

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FEB 12 2004

Attorney Docket No: ST1998-001B

OFFICIAL

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number 10/043,605
Filing Date 1/14/2002
Name of Patentee John Briar
Title of Invention DISPOSABLE MOLD RUNNER GATE FOR SUBSTRATE BASED ELECTRONIC PACKAGES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**TRANSMITTAL AND REQUEST FOR REVOCATION OF POWER OF ATTORNEY
WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE
ADDRESS**

Dear Sir or Madam:

The applicant respectfully requests that all previous Powers of Attorney be revoked and the office appoint Mikio Ishimaru and all practitioners associated with Customer No. 22898.

Please also change the correspondence address for the above-identified application, U.S. Serial No. 10/043,605 to the address associated with Customer No. 22898.

Assignee of Record is the owner of the entire interest and submits the enclosed Statement under 37CGR 3.73(b).

Enclosed are the following:

- Revocation of Power of Attorney with New Power of Attorney and Change of Correspondence Address
- Statement Under 37 CFR 3.73(b)
- Certificate of Transmission

Docket Number: ST1998-001B

Patent

Please charge any shortage in fees due in connection with the filing of this paper to Deposit Account No. 50-0374 and credit any excess fees to such deposit account.

Respectfully submitted,

Mikio Ishimaru

Mikio Ishimaru
Reg. No. 27,449
February 10, 2004

The Law Offices of Mikio Ishimaru
1110 Sunnyvale-Saratoga Road, Suite A1
Sunnyvale, CA 94087

**REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND
CHANGE OF CORRESPONDENCE ADDRESS**

On behalf of ST Assembly Test Services Pte Ltd, I hereby revoke all previous powers of attorney given in the following U.S. Patents applications:

1.

In re application of: Sum Kai Wah, Tan Wee Boon, and Jap Liop Jin
Serial No.: 10/054,423 Filing Date: 1/22/2002
Title: MULTI-PACKAGE CONVERSION KIT FOR A PICK AND PLACE
HANDLER

The single, original paper is filed for the above patent applications and the public is authorized to inspect and copy the original paper pursuant to 37 CFR 1.12(b).

2.

In re application of: IL Kwon Shim, Hermes T. Apale, Weddie Racio Aquien, Dario S. Filoteo Jr., Virgil Cotoco Ararao, and Leo Merilo
Serial No.: 10/055,094 Filing Date: 1/23/2002
Title: HEAT SPREADER ANCHORING & GROUNDING METHOD &
THERMALLY ENHANCED PBGA PACKAGE USING THE SAME

3.

In re application of: Weddie Racio Aquien, Loreto Y. Cantillep, and Setho Sing Fee
Serial No.: 10/099,284 Filing Date: 3/15/2002
Title: HEAT SPREADER HOLE PIN 1 INDENTIFIER

4.

In re application of: Rajiv Mehta, Liop-Jin Yap, Raymundo M. Camenforte, and Chee-Keong Tan
Serial No.: 10/140,573 Filing Date: 5/8/2002
Title: TESTING OF BGA AND OTHER CSP PACKAGES USING
PROBING TECHNIQUES

5.

In re application of: Virgil Cotoco Ararao, Hermes T. Apale, and IL Kwon Shim
Serial No.: 10/315,533 Filing Date: 12/10/2002
Title: MOLD CAP ANCHORING METHOD FOR MOLDED FLEX BGA
PACKAGES

6.

In re application of: IL Kwon Shim, Seng Guan Chow, and Gerry Balanon
Serial No.: 10/462,288 Filing Date: 6/16/2003
Title: PBGA SUBSTRATE FOR ANCHORING HEAT SINK

7.

In re application of: John Briar
Serial No.: 10/043,605 Filing Date: 1/14/2002
Title: DISPOSABLE MOLD RUNNER GATE FOR SUBSTRATE BASED
ELECTRONIC PACKAGES

REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

8.

In re application of: Tonglong Zhang and John Briar
Serial No.: 09/726,260 Filing Date: 11/30/2000
Title: EXTENDED LEAD PACKAGE

9.

In re application of: IL Kwon Shim, Kambhampati Ramakrishna, and Seng Guan Chow
Serial No.: 10/256,407 Filing Date: 9/27/2002
Title: LEADFRAME FOR DIE STACKING APPLICATIONS AND RELATED DIE STACKING CONCEPTS

10.

In re application of: Raymundo M. Camenforte, Dioscoro A. Merilo, and Seng Guan Chow
Serial No.: 10/339,158 Filing Date: 1/9/2003
Title: SUPER THIN/SUPER THERMAL BALL GRID ARRAY PACKAGE

11.

In re application of: John Briar
Serial No.: 09/640,534 Filing Date: 8/17/2000
Title: FLIP CHIP MOLDED/EXPOSED DIE PROCESS AND PACKAGE STRUCTURE

12.

In re application of: John Briar
Serial No.: 10/693,217 Filing Date: 10/24/2003
Title: FLIP CHIP MOLDED/EXPOSED DIE PROCESS AND PACKAGE STRUCTURE

13.

In re application of: Raymundo M. Camenforte and John Briar
Serial No.: 10/371,515 Filing Date: 2/20/2003
Title: SINGLE UNIT AUTOMATED ASSEMBLY OF FLEX ENHANCED GRID ARRAY PACKAGES

14.

In re application of: Weddie Racio Aquien, John Briar, and Setho Sing Fee
Serial No.: 10/323,447 Filing Date: 12/19/2002
Title: ENHANCED BGA GROUNDED HEATSINK

15.

In re application of: Loreto Y. Cantilleg
Serial No.: 10/236,579 Filing Date: 9/6/2002
Title: PBGA SINGULATED SUBSTRATE FOR MODEL MELAMINE CLEANING

16.

In re application of: Jeffrey D. Punzalan, Tan Hien Boon, Zheng Zheng, Jae Hak Yee, and Byung Joon Han
Serial No.: 10/462,264 Filing Date: 6/16/2003
Title: GROUND PLANE FOR EXPOSED PACKAGE

REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

17.

In re application of: IL Kwon Shim, Hermes T. Apale, and Gerry Balanon
Serial No.: 10/119,920 Filing Date: 4/10/2002
Title: HEAT SPREADER INTERCONNECT METHODOLOGY FOR THERMALLY ENHANCED PBGA PACKAGES

18.

In re application of: Jian Jun Li
Serial No.: 10/224,151 Filing Date: 8/20/2002
Title: TEST COUPON PATTERN DESIGN TO CONTROL MULTILAYER SAW SINGULATED PLASTIC BALL GRID ARRAY SUBSTRATE MIS-REGISTRATION

19.

In re application of: Yong Gang Jin and Won Sun Shin
Serial No.: 10/151,977 Filing Date: 5/21/2002
Title: TORCH BUMP

20.

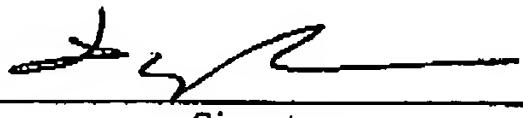
In re application of: IL Kwon Shim, Jian Jun Li, and Sheila Marie L. Alvarez
Serial No.: 10/279,900 Filing Date: 10/24/2002
Title: COST EFFECTIVE SUBSTRATE FABRICATION FOR FILP-CHIP PACKAGES

- I hereby appoint Mikio Ishimaru and all practitioners associated with Customer Number 22898
- Please change the Correspondence Address for the above identified Patents and Applications to the address associated with Customer Number 22898
- Assignee of record is owner of the entire interest (see 37 CFR 3.71(b)), and submits the enclosed Statement under 37 CFR 3.73(b).

The undersigned (whose title is supplied below) is empowered to sign below on behalf of the Assignee.

February 3, 2004

Date



Signature

Tan Lay Koon

Typed or printed name

President & CEO

Title

STATEMENT UNDER 37 CFR 3.73(b)

ST Assembly Test Services Pte Ltd, a Singapore corporation states that it is the assignee of the entire right, title, and interest of the patent applications identified below by virtue of the chain of title from the inventors to the current assignee as shown below:

1.

Inventors: Sum Kai Wah, Tan Wee Boon, and Jap Liop Jin
Serial No.: 10/054,423 Filing Date: 1/22/2002
Title: MULTI-PACKAGE CONVERSION KIT FOR A PICK AND PLACE HANDLER
Chain of Title: From: Wah et al. To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 012547/0179

The single, original paper is filed for the above patent application and the public is authorized to inspect and copy the original paper pursuant to 37 CFR 1.12(b).

2.

Inventors: IL Kwon Shim, Hermes T. Apale, Weddie Racio Aquien, Dario S. Filoteo Jr., Virgil Cotoco Ararao, and Leo Merilo
Serial No.: 10/055,094 Filing Date: 1/23/2002
Title: HEAT SPREADER ANCHORING & GROUNDING METHOD & THERMALLY ENHANCED PBGA PACKAGE USING THE SAME
Chain of Title: From: Shim et al. To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 012560/0078

3.

Inventors: Weddie Racio Aquien, Loreto Y. Cantillep, and Setho Sing Fee
Serial No.: 10/099,284 Filing Date: 3/15/2002
Title: HEAT SPREADER HOLE PIN 1 IDENTIFIER
Chain of Title: From: Aquien et al. To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 011013/0053

4.

Inventors: Rajiv Mehta, Liop-Jin Yap, Raymundo M. Camenforte, and Chee-Keong Tan
Serial No.: 10/140,573 Filing Date: 5/8/2002
Title: TESTING OF BGA AND OTHER CSP PACKAGES USING PROBING TECHNIQUES
Chain of Title: From: Mehta et al. To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 9782/0373

STATEMENT UNDER 37 CFR 3.73(b)

5.

Inventors: Virgil Cotoco Ararao, Hermes T. Apale, and IL Kwon Shim
Serial No.: 10/315,533 Filing Date: 12/10/2002
Title: MOLD CAP ANCHORING METHOD FOR MOLDED FLEX BGA
PACKAGES
Chain of Title: From: Ararao et al. To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 013572 / 0799

6.

Inventors: IL Kwon Shim, Seng Guan Chow, and Gerry Balanon
Serial No.: 10/462,288 Filing Date: 6/16/2003
Title: PBGA SUBSTRATE FOR ANCHORING HEAT SINK
Chain of Title: From: Shim et al. To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 012212/0615

7.

Inventor: John Briar
Serial No.: 10/043,605 Filing Date: 1/14/2002
Title: DISPOSABLE MOLD RUNNER GATE FOR SUBSTRATE BASED
ELECTRONIC PACKAGES
Chain of Title: From: Briar To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 9203/0956

8.

Inventors: Tonglong Zhang and John Briar
Serial No.: 09/726,260 Filing Date: 11/30/2000
Title: EXTENDED LEAD PACKAGE
Chain of Title: From: Zhang et al. To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 9296/0271

9.

Inventors: IL Kwon Shim, Kambhampati Ramakrishna, and Seng Guan Chow
Serial No.: 10/256,407 Filing Date: 9/27/2002
Title: LEADFRAME FOR DIE STACKING APPLICATIONS AND
RELATED DIE STACKING CONCEPTS
Chain of Title: From: Shim et al. To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 013348/0051

10.

Inventors: Raymundo M. Camenforte, Dioscoro A. Merilo, and Seng Guan Chow
Serial No.: 10/339,158 Filing Date: 1/9/2003
Title: SUPER THIN/SUPER THERMAL BALL GRID ARRAY PACKAGE
Chain of Title: From: Camenforte et al. To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 011883/0196

STATEMENT UNDER 37 CFR 3.73(b)

11.

Inventor: John Briar
Serial No.: 09/640,534 Filing Date: 8/17/2000
Title: FLIP CHIP MOLDED/EXPOSED DIE PROCESS AND PACKAGE
STRUCTURE
Chain of Title: From: Briar To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 011147/0398

12.

Inventor: John Briar
Serial No.: 10/693,217 Filing Date: 10/24/2003
Title: FLIP CHIP MOLDED/EXPOSED DIE PROCESS AND PACKAGE
STRUCTURE
Chain of Title: From: Briar To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 011147/0398

13.

Inventors: Raymundo M. Camenforte and John Briar
Serial No.: 10/371,515 Filing Date: 2/20/2003
Title: SINGLE UNIT AUTOMATED ASSEMBLY OF FLEX ENHANCED
GRID ARRAY PACKAGES
Chain of Title: From: Camenforte et al. To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 011310/0481

14.

Inventors: Weddie Racio Aquien, John Briar, and Setho Sing Fee
Serial No.: 10/323,447 Filing Date: 12/19/2002
Title: ENHANCED BGA GROUNDED HEATSINK
Chain of Title: From: Aquien et al. To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 011793/0768

15.

Inventor: Loreto Y. Cantillep
Serial No.: 10/236,579 Filing Date: 9/6/2002
Title: PBGA SINGULATED SUBSTRATE FOR MODEL MELAMINE
CLEANING
Chain of Title: From: Cantillep To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 011125/0469

16.

Inventors: Jeffrey D. Punzalan, Tan Hien Boon, Zheng Zheng, Jae Hak Yee, and
Byung Joon Han
Serial No.: 10/462,264 Filing Date: 6/16/2003
Title: GROUND PLANE FOR EXPOSED PACKAGE
Chain of Title: From: Punzalan et al. To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 012656/0753

STATEMENT UNDER 37 CFR 3.73(b)

17.

Inventors: IL Kwon Shim, Hermes T. Apale, and Gerry Balanon
Serial No.: 10/119,920 Filing Date: 4/10/2002
Title: HEAT SPREADER INTERCONNECT METHODOLOGY FOR THERMALLY ENHANCED PBGA PACKAGES
Chain of Title: From: Shim et al. To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 012791/0604

18.

Inventor: Jian Jun Li
Serial No.: 10/224,151 Filing Date: 8/20/2002
Title: TEST COUPON PATTERN DESIGN TO CONTROL MULTILAYER SAW SINGULATED PLASTIC BALL GRID ARRAY SUBSTRATE MIS-REGISTRATION
Chain of Title: From: Li To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 013218/0397

19.

Inventors: Yong Gang Jin and Won Sun Shin
Serial No.: 10/151,977 Filing Date: 5/21/2002
Title: TORCH BUMP
Chain of Title: From: Jin et al. To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 012923/0359

20.

Inventors: IL Kwon Shim, Jian Jun Li, and Sheila Marie L. Alvarez
Serial No.: 10/279,900 Filing Date: 10/24/2002
Title: COST EFFECTIVE SUBSTRATE FABRICATION FOR FILP-CHIP PACKAGES
Chain of Title: From: Shim et al. To: ST Assembly Test Services Pte Ltd
Recorded in the Patent and Trademark Office at reel/frame: 013434/0473

The undersigned (whose title is supplied below) is empowered to sign below on behalf of the assignee.

February 3, 2004
Date


Signature

Tan Lay Koon

Typed or printed name

President & CEO

Title